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CBL&H 202 293 6229

NO. 7835 P. 3

JAN 30 2007

IAP15 Rec'd PCT/PTO 3.0 JAN 2007

PTO-1690 (Rev. 07-2005)  
Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 14090-00004-US1
INTERNATIONAL APPLICATION NO. PCT/SG04/000353	INTERNATIONAL FILING DATE 26 October 2004	U. S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/577,462
		PRIORITY DATE CLAIMED 27 October 2003
<p><b>TITLE OF INVENTION</b> ACYLUREA CONNECTED AND SULFONYLUREA CONNECTED HYDROXAMATES</p> <p><b>APPLICANT(S) FOR DO/EO/US</b> Ze-Yi Lim et al.</p> <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 ~ 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/577,462	INTERNATIONAL APPLICATION NO. PCT/SG04/000353	ATTORNEY'S DOCKET NUMBER 14090-00004-US1
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20.  Other items or information: Formalities Letter

The following fees have been submitted		CALCULATIONS	PTO USEONLY
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300		\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 \$200 All other situations		\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 \$100 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 \$400 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$500 All other situations		\$	
TOTAL OF 21, 22 and 23 =		\$ 0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
-100 =	/50 =		x \$250.00
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	- 20 =	0	x 60.00 0.00
Independent claims	- 3 =	0	x 200.00 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	
		TOTAL OF ABOVE CALCULATIONS =	\$ 130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
		SUBTOTAL =	\$ 130.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	
		TOTAL NATIONAL FEE =	\$ 130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$	
		\$	
		TOTAL FEES ENCLOSED =	\$ 130.00
		Amount to be refunded:	5
		Amount to be charged	\$

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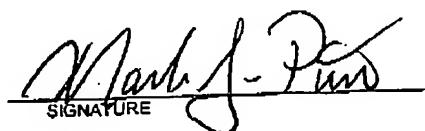
a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ 130.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0185. A duplicate copy of this sheet is enclosed.

d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.496 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed or granted to restore the International Application to pending status.



SIGNATURE

SEND ALL CORRESPONDENCE TO:

Rudolf E. Hutz  
CONNOLLY BOVE LODGE & HUTZ LLP  
1990 M Street, N.W., Suite 800  
Washington, DC 20038  
(202) 331-7111

Mark J. Pino

NAME

CUSTOMER NUMBER:

43,858

REGISTRATION NUMBER

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NO. 7835 P. 6

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PTO/6B/17 (07-06)

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<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b>	
		Application Number	10/577,462
		Filing Date	April 27, 2006
		First Named Inventor	Ze-Yi Lim
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(S) 130.00</b>	Attorney Docket No.	14090-00004-US1

**METHOD OF PAYMENT** (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account      Deposit Account Number: 22-0185      Deposit Account Name: Connolly Bove Lodge & Hutz LLP				
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) Indicated below <input type="checkbox"/> Charge fee(s) Indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Credit any overpayments				

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	
				<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
	- 20 =	0	x _____ =		
	HP = highest number of total claims paid for, if greater than 20.				

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	
				<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
	- 3 =	0	x _____ =		
	HP = highest number of independent claims paid for, if greater than 3.				

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/50	(round up to a whole number) x _____ =		<u>Fees Paid (\$)</u>

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)  
 Other (e.g., late filing surcharge): 1617 Search fee, examination fee or oath or ... 130.00

<b>SUBMITTED BY</b>		<i>Mark J. Pino</i>	Registration No. (Attorney/Agent)	43,858	Telephone	(202) 331-7111
Signature	Name (Print/Type)	Mark J. Pino			Date	January 30, 2007

02/01/2007 ATRAN1 00000131 220185 10577462

01 FC:1617 130.00 DA

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JAN 30 2007

## FAX TRANSMISSION

DATE: January 30, 2007

PTO IDENTIFIER: Application Number 10/577,462, Conf. #5036  
Patent Number

Inventor: Ze-Yi Lim et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: CONNOLLY BOVE LODGE & HUTZ LLP

Mark J. Pino

PHONE: (202) 331-7111

Attorney Dkt. #: 14090-00004-US1

PAGES (Including Cover Sheet): 44

CONTENTS: Transmittal Letter to the United States Designated-Elected Office (3 pages)  
Fee Transmittal (1 page)  
Formalities Letter (2 pages)  
Oath or declaration of the inventor(s) (5 pages)  
Second Preliminary Amendment (31 pages)  
Charge \$130.00 to deposit account 22-0185  
Certificate of Transmission (1 page)

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Telephone: (202) 331-7111 Facsimile:

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PTO/SB/87 (09-04)

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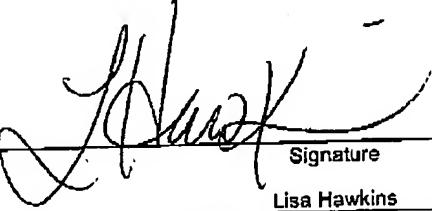
Application No. (if known): 10/577,462

Attorney Docket No.: 14090-00004-US1

## **Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on January 30, 2007  
Date

  
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Signature  
\_\_\_\_\_  
Lisa Hawkins  
\_\_\_\_\_  
Typed or printed name of person signing Certificate  
\_\_\_\_\_  
Registration Number, if applicable  
\_\_\_\_\_  
Telephone Number  
(202) 331-7111

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (3 pages)

Fee Transmittal (1 page)

Formalities Letter (2 pages)

Oath or declaration of the inventor(s) (5 pages)

Second Preliminary Amendment (31 pages)

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/577,462	Ze-Yi Lim	14090-00004-US1
INTERNATIONAL APPLICATION NO.		PCT/SG04/00353
I.A. FILING DATE		PRIORITY DATE
10/26/2004		10/27/2003
CONFIRMATION NO. 5036		
371 FORMALITIES LETTER		
 *OC000000021429468*		

Date Mailed: 11/30/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IAB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/27/2006
- Copy of the International Search Report filed on 04/27/2006
- Copy of IPE Report filed on 04/27/2006
- Copy of Annexes to the IPER filed on 04/27/2006
- Preliminary Amendments filed on 04/27/2006
- Information Disclosure Statements filed on 07/27/2006
- Priority Documents filed on 04/27/2006
- Specification filed on 04/27/2006
- Claims filed on 04/27/2006
- Abstracts filed on 04/27/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

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NO. 7835 Pa.P. 8 of 2

JAN 30 2007

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

Additionally the following defects have been observed:

- Preliminary Amendments have not been entered because amendment cancels claims 1-63, adds claims 64-131. Original claims are 1-79.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/577,462	PCT/SG04/00353	14090-00004-US1

FORM PCT/DO/EO/905 (371 Formalities Notice)